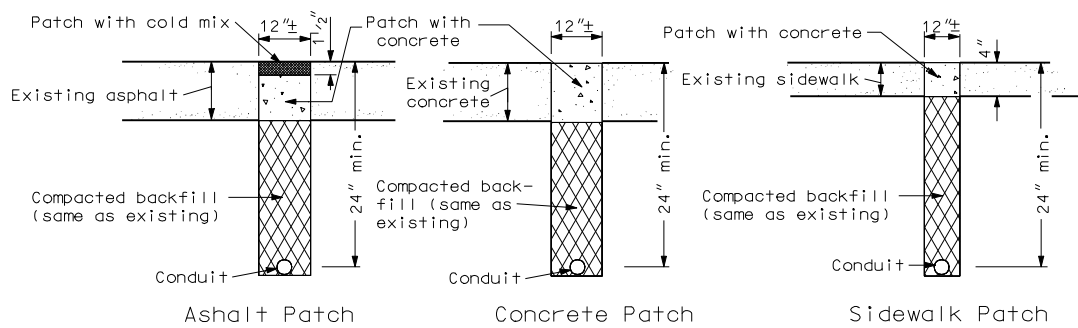
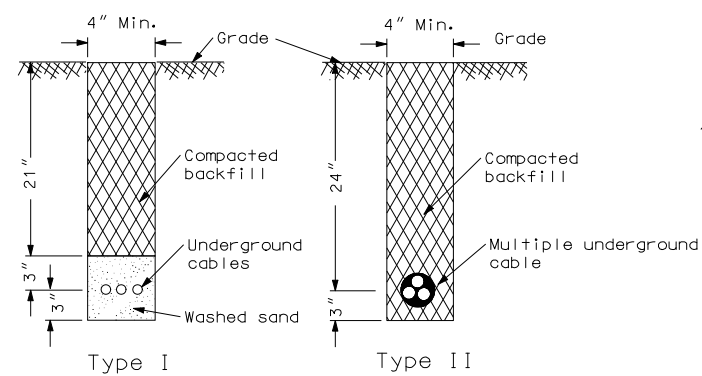


LIGHTING & SIGNAL DETAILS



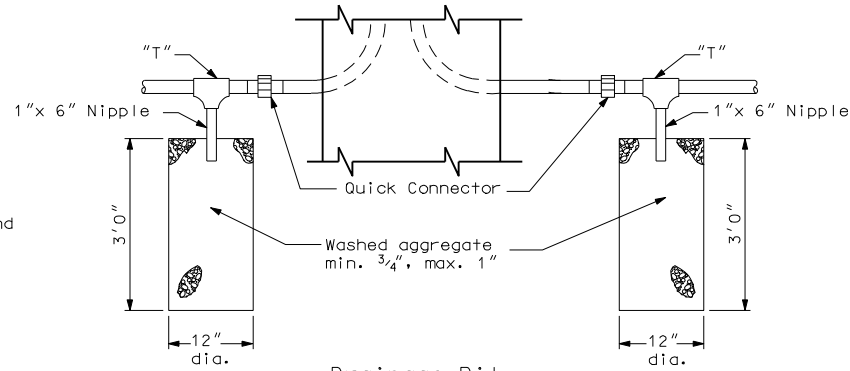
Surface Patch Details

Note:
Patches: All trenches shall be saw-cut. The replacement concrete shall be P.C.C. pavement and the coarse aggregate gradation, maximum size and method of curing shall be as approved by the Engineer. The cost shall be included in the price bid for Conduit.
Immediately prior to pouring replacement concrete, all surfaces shall be painted with an approved epoxy compound.



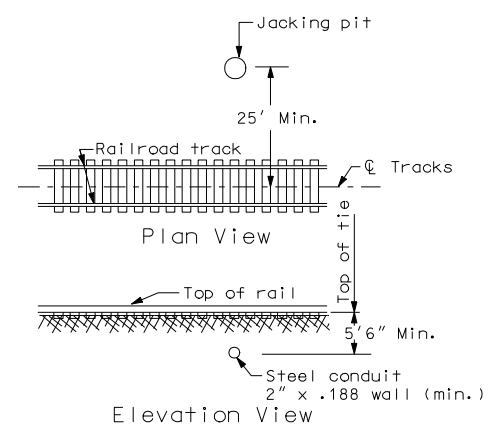
Cable Trench

The entire area which is disturbed by the trenching shall be sodded, or as directed by the Engineer. The cost shall be included in the price bid for "Cable Trench."

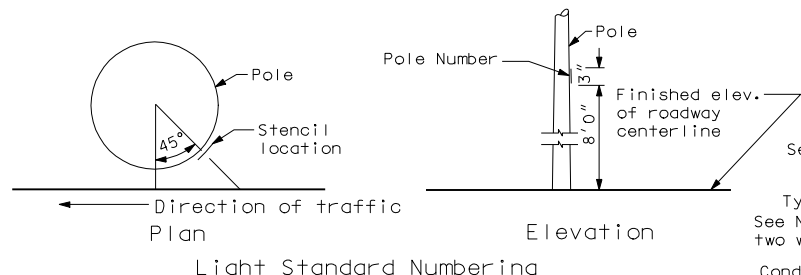


Drainage Pit

Drainage pits shall be installed in both ends of the conduit runs. Except where conduit slopes enough for drainage to one end. (To be used for Traffic Signal Conduit Runs Only)

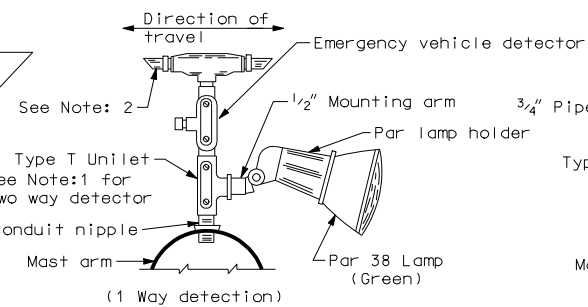


Railroad Track Conduit Placement



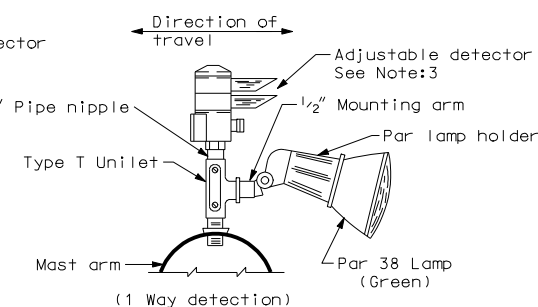
Light Standard Numbering

Note:
Pole Numbering: The contractor shall stencil on each light standard the pole number in black paint on the roadway side of the pole, or adhesive coated plastic such as Scotch cal. Manufactured by 3M as approved by the Engineer. See layout sheets for pole numbers.



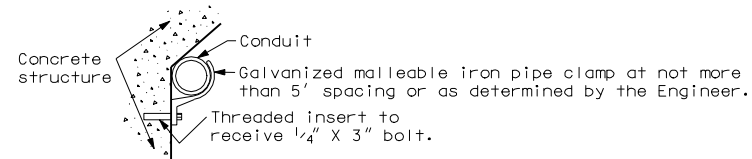
Emergency Vehicle Detector Detail (Location as shown in plans)

Notes:
1. Two-way Detector shall have Type X Unilet with two Par lamp holders and lamps (one in each direction).
2. One-way Detector shall have the unused end plugged with metal pipe plug.

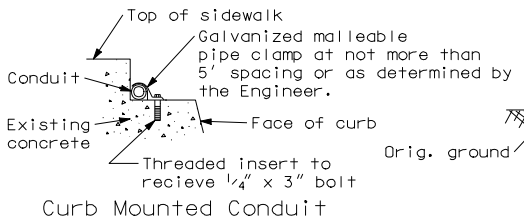


Alternate Emergency Vehicle Detector Detail (Adjustable) (Location as shown in plans)

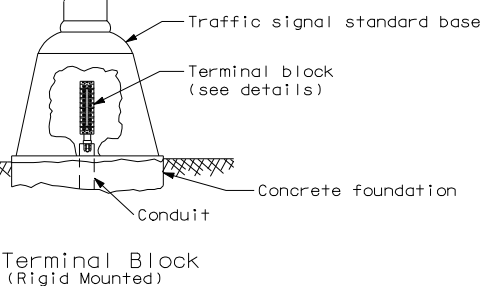
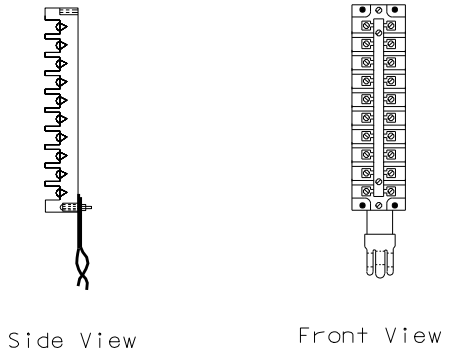
Notes:
3. Two-way Detector shall have the detector lens rotated to face the direction of travel, and shall have Type X Unilet with two Par lamp holders and lamps (one in each direction).



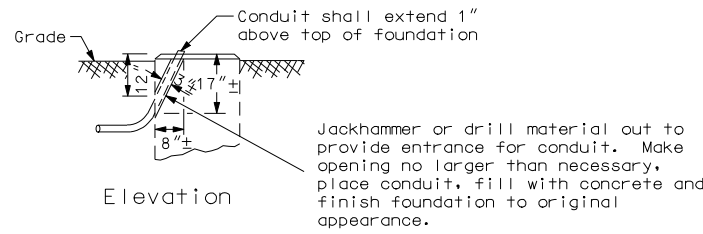
Bridge Mounted Conduit Hanger



Curb Mounted Conduit



Terminal Block (Rigid Mounted)



Revise Concrete Foundation

Jackhammer or drill material out to provide entrance for conduit. Make opening no larger than necessary, place conduit, fill with concrete and finish foundation to original appearance.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
11-07-90	Track clearance
06-19-03	Minor revisions
12-01-04	PE Stamp added

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 12/01/04 and the original document is stored at the North Dakota Department of Transportation